

Agricultural Waste Management

Butler County, Iowa

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
11B: Colo-----	50	Very limited Depth to saturated zone Leaching limitation Flooding	1.00 0.70 0.60	Very limited Depth to saturated zone Flooding	1.00 1.00	Very limited Depth to saturated zone Flooding	1.00 0.60
Ely-----	40	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Depth to saturated zone Too steep for surface application	0.43 0.08
27B: Terril-----	100	Not limited		Not limited		Somewhat limited Too steep for surface application	0.08
41B: Sparta-----	95	Very limited Filtering capacity Leaching limitation Droughty	1.00 0.45 0.04	Very limited Filtering capacity Droughty	1.00 0.04	Very limited Filtering capacity Droughty Too steep for surface application	1.00 0.04 0.01
41C: Sparta-----	95	Very limited Filtering capacity Leaching limitation Droughty	1.00 0.45 0.04	Very limited Filtering capacity Droughty	1.00 0.04	Very limited Filtering capacity Too steep for surface application Droughty Too steep for sprinkler application	1.00 0.91 0.04 0.02
41D: Sparta-----	100	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Very limited Too steep for surface application	1.00

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43: Bremer-----	100	Slope	0.63	Slope	0.63	Filtering capacity	1.00
		Leaching limitation	0.45	Droughty	0.04	Too steep for sprinkler application	0.77
		Droughty	0.04			Droughty	0.04
		Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.30	Flooding	0.40	Restricted permeability	0.22
63C: Chelsea-----	100			Restricted permeability	0.22		
		Very limited		Very limited		Very limited	
		Filtering capacity	1.00	Filtering capacity	1.00	Filtering capacity	1.00
		Leaching limitation	0.45	Droughty	0.08	Too steep for surface application	0.66
83B: Kenyon-----	90	Droughty	0.08			Droughty	0.08
						Too steep for sprinkler application	0.01
		Not limited		Not limited		Somewhat limited Too steep for surface application	0.08
83C: Kenyon-----	90	Not limited		Not limited		Somewhat limited Too steep for surface application	0.91
						Too steep for sprinkler application	0.02
83C2: Kenyon-----	90	Not limited		Not limited		Somewhat limited Too steep for surface application	0.91

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
83D2: Kenyon-----	95	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Too steep for sprinkler application	0.02
						Very limited Too steep for surface application	1.00
						Too steep for sprinkler application	0.77
84: Clyde-----	90	Very limited Depth to saturated zone Leaching limitation	1.00 0.70	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
88: Nevin-----	95	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Depth to saturated zone	0.43
109C: Backbone-----	90	Somewhat limited Droughty Depth to bedrock	0.88 0.46	Somewhat limited Droughty Depth to bedrock	0.88 0.46	Somewhat limited Droughty	0.88
						Too steep for surface application	0.66
						Depth to bedrock Too steep for sprinkler application	0.46 0.01
110B: Lamont-----	100	Somewhat limited Too acid	0.02	Somewhat limited Too acid	0.07	Somewhat limited Too steep for surface application	0.08
						Too acid	0.07
110C: Lamont-----	100	Somewhat limited Too acid	0.02	Somewhat limited Too acid	0.07	Somewhat limited Too steep for surface application	0.91

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
118: Garwin-----	100	Very limited Depth to saturated zone Leaching limitation	1.00 0.70	Very limited Depth to saturated zone	1.00	Too acid Too steep for sprinkler application Very limited Depth to saturated zone	0.07 0.02 1.00
119: Muscatine-----	95	Somewhat limited Depth to saturated zone Too acid	0.43 0.02	Somewhat limited Depth to saturated zone Too acid	0.43 0.07	Somewhat limited Depth to saturated zone Too acid	0.43 0.07
120: Tama-----	100	Somewhat limited Too acid	0.02	Somewhat limited Too acid	0.07	Somewhat limited Too acid	0.07
120B: Tama-----	100	Somewhat limited Too acid	0.02	Somewhat limited Too acid	0.07	Somewhat limited Too steep for surface application Too acid	0.08 0.07
133: Colo-----	100	Very limited Depth to saturated zone Leaching limitation Flooding	1.00 0.70 0.60	Very limited Depth to saturated zone Flooding	1.00 1.00	Very limited Depth to saturated zone Flooding	1.00 0.60
135: Coland-----	100	Very limited Depth to saturated zone Leaching limitation Flooding	1.00 0.70 0.60	Very limited Depth to saturated zone Flooding	1.00 1.00	Very limited Depth to saturated zone Flooding	1.00 0.60
150B: Hanska-----	100	Very limited		Very limited		Very limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
151: Marshan-----	100	Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Filtering capacity	1.00	Filtering capacity	1.00	Filtering capacity	1.00
		Leaching limitation	0.70			Too steep for surface application	0.01
152: Marshan-----	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Filtering capacity	1.00	Filtering capacity	1.00	Filtering capacity	1.00
		Leaching limitation	0.70				
153: Shandep-----	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Filtering capacity	1.00	Filtering capacity	1.00	Filtering capacity	1.00
		Leaching limitation	0.70				
162C: Downs-----	95	Somewhat limited Too acid	0.02	Somewhat limited Too acid	0.07	Somewhat limited Too steep for surface application	0.91
						Too acid	0.07
						Too steep for sprinkler application	0.02
162C2: Downs-----	100	Somewhat limited		Somewhat limited		Somewhat limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
		Too acid	0.02	Too acid	0.07	Too steep for surface application Too acid Too steep for sprinkler application	0.91 0.07 0.02
171: Bassett-----	90	Somewhat limited Too acid	0.02	Somewhat limited Too acid	0.07	Somewhat limited Too acid	0.07
171B: Bassett-----	85	Somewhat limited Too acid	0.02	Somewhat limited Too acid	0.07	Somewhat limited Too steep for surface application Too acid	0.08 0.07
171C2: Bassett-----	85	Somewhat limited Too acid	0.02	Somewhat limited Too acid	0.07	Somewhat limited Too steep for surface application Too acid Too steep for sprinkler application	0.91 0.07 0.02
171D2: Bassett-----	95	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Too steep for surface application Too steep for sprinkler application Too acid	1.00 0.77 0.07
171F: Bassett-----	90	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Too steep for surface application Too steep for sprinkler application	1.00 1.00
		Too acid	0.02	Too acid	0.07		

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
173: Hoopeston-----	95	Very limited Filtering capacity Depth to saturated zone Too acid	1.00 1.00 0.02	Very limited Filtering capacity Depth to saturated zone Too acid	1.00 1.00 0.07	Too acid Very limited Filtering capacity Depth to saturated zone Too acid	0.07 1.00 1.00 0.07
173B: Hoopeston-----	95	Very limited Filtering capacity Depth to saturated zone Too acid	1.00 1.00 0.02	Very limited Filtering capacity Depth to saturated zone Too acid	1.00 1.00 0.07	Very limited Filtering capacity Depth to saturated zone Too steep for surface application Too acid	1.00 1.00 0.08 0.07
174: Bolan-----	85	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00
174B: Bolan-----	85	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Very limited Filtering capacity Too steep for surface application	1.00 0.08
174C2: Bolan-----	90	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Very limited Filtering capacity Too steep for surface application Too steep for sprinkler application	1.00 0.91 0.02
175: Dickinson-----	95	Very limited		Very limited		Very limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
175B: Dickinson-----	95	Filtering capacity	1.00	Filtering capacity	1.00	Filtering capacity	1.00
		Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Very limited Filtering capacity Too steep for surface application	1.00 0.08
175C: Dickinson-----	95	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Very limited Filtering capacity Too steep for surface application Too steep for sprinkler application	1.00 0.91 0.02
177: Saude-----	90	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00
177B: Saude-----	90	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Very limited Filtering capacity Too steep for surface application	1.00 0.08
177C: Saude-----	90	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Very limited Filtering capacity Too steep for surface application Too steep for sprinkler application	1.00 0.91 0.02
178: Waukee-----	95	Very limited		Very limited		Very limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
178B: Waukee-----	90	Filtering capacity	1.00	Filtering capacity	1.00	Filtering capacity	1.00
		Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Very limited Filtering capacity Too steep for surface application	1.00 0.08
184: Klinger-----	95	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Depth to saturated zone	0.43
		Too acid	0.02	Too acid	0.07	Too acid	0.07
198B: Floyd-----	95	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Depth to saturated zone Too steep for surface application	0.43 0.01
201B: Coland-----	60	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Flooding Leaching limitation	1.00 0.70	Flooding	1.00	Flooding	1.00
Terril-----	30	Not limited		Not limited		Somewhat limited Too steep for surface application	0.01
213: Rockton-----	100	Somewhat limited Depth to bedrock	0.46	Somewhat limited Depth to bedrock	0.46	Somewhat limited Depth to bedrock	0.46
		Too acid Droughty	0.02 0.01	Too acid Droughty	0.07 0.01	Too acid Droughty	0.07 0.01
213B: Rockton-----	100	Somewhat limited Depth to bedrock	0.46	Somewhat limited Depth to bedrock	0.46	Somewhat limited Depth to bedrock	0.46

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225: Lawler-----	95	Very limited Filtering capacity Depth to saturated zone	1.00 0.43	Very limited Filtering capacity Depth to saturated zone	1.00 0.43	Very limited Filtering capacity Depth to saturated zone	1.00 0.43
226: Lawler-----	95	Very limited Filtering capacity Depth to saturated zone	1.00 0.43	Very limited Filtering capacity Depth to saturated zone	1.00 0.43	Very limited Filtering capacity Depth to saturated zone	1.00 0.43
241C2: Saude-----	55	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Very limited Filtering capacity Too steep for surface application Too steep for sprinkler application	1.00 0.66 0.01
Burkhardt-----	35	Very limited Filtering capacity Droughty Too acid	1.00 0.87 0.11	Very limited Filtering capacity Droughty Too acid	1.00 0.87 0.42	Very limited Filtering capacity Droughty Too steep for surface application Too acid Too steep for sprinkler application	1.00 0.87 0.66 0.42 0.01
241E2: Saude-----	55	Very limited Filtering capacity Slope	1.00 0.96	Very limited Filtering capacity Slope	1.00 0.96	Very limited Filtering capacity Too steep for surface application Too steep for sprinkler application	1.00 1.00 0.97

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Burkhardt-----	35	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Very limited Too steep for surface application	1.00
		Slope	0.96	Slope	0.96	Filtering capacity	1.00
		Droughty	0.87	Droughty	0.87	Too steep for sprinkler application	0.97
		Too acid	0.11	Too acid	0.42	Droughty	0.87
						Too acid	0.42
284: Flagler-----	90	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00
		Droughty	0.64	Droughty	0.64	Droughty	0.64
284B: Flagler-----	95	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00
		Droughty	0.64	Droughty	0.64	Droughty	0.64
						Too steep for surface application	0.08
284C: Flagler-----	90	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00
		Droughty	0.64	Droughty	0.64	Too steep for surface application	0.91
						Droughty	0.64
						Too steep for sprinkler application	0.02
285C: Burkhardt-----	95	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00
		Droughty	0.60	Droughty	0.60	Too steep for surface application	0.66
		Too acid	0.02	Too acid	0.07	Droughty	0.60
						Too acid	0.07

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
						Too steep for sprinkler application	0.01
350: Waukegan-----	90	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00
354: Aquolls-----	100	Not rated		Not rated		Not rated	
377B: Dinsdale-----	95	Somewhat limited Too acid	0.02	Somewhat limited Too acid	0.07	Somewhat limited Too steep for surface application Too acid	0.08 0.07
377C2: Dinsdale-----	95	Somewhat limited Too acid	0.02	Somewhat limited Too acid	0.07	Somewhat limited Too steep for surface application Too acid Too steep for sprinkler application	0.91 0.07 0.02
382: Maxfield-----	100	Very limited Depth to saturated zone Leaching limitation	1.00 0.70	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
391B: Clyde-----	50	Very limited Depth to saturated zone Leaching limitation	1.00 0.70	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
Floyd-----	40	Somewhat limited		Somewhat limited		Somewhat limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
		Depth to saturated zone	0.43	Depth to saturated zone	0.43	Depth to saturated zone	0.43
						Too steep for surface application	0.01
394: Ostrander-----	95	Not limited		Not limited		Not limited	
394B: Ostrander-----	85	Not limited		Not limited		Somewhat limited Too steep for surface application	0.08
394C: Ostrander-----	95	Not limited		Not limited		Somewhat limited Too steep for surface application	0.91
						Too steep for sprinkler application	0.02
394C2: Ostrander-----	90	Somewhat limited Too acid	0.32	Very limited Low adsorption Too acid	1.00 0.91	Somewhat limited Too acid Too steep for surface application	0.91 0.91
						Too steep for sprinkler application	0.02
398: Tripoli-----	100	Very limited Depth to saturated zone Leaching limitation	1.00 0.70	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
399: Readlyn-----	95	Somewhat limited Depth to saturated zone Too acid	0.43 0.02	Somewhat limited Depth to saturated zone Too acid	0.43 0.07	Somewhat limited Depth to saturated zone Too acid	0.43 0.07

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
404: Thorp-----	100	Very limited Restricted permeability Depth to saturated zone Leaching limitation Too acid	1.00 1.00 0.50 0.02	Very limited Depth to saturated zone Restricted permeability Too acid	1.00 1.00 0.07	Very limited Depth to saturated zone Restricted permeability Too acid	1.00 1.00 0.07
407B: Schley-----	95	Very limited Depth to saturated zone Too acid	1.00 0.08	Very limited Depth to saturated zone Too acid	1.00 0.31	Very limited Depth to saturated zone Too acid Too steep for surface application	1.00 0.31 0.01
408B: Olin-----	100	Not limited		Not limited		Somewhat limited Too steep for surface application	0.08
408C: Olin-----	100	Not limited		Not limited		Somewhat limited Too steep for surface application Too steep for sprinkler application	0.91 0.02
412C: Sogn-----	100	Very limited Depth to bedrock Droughty Runoff limitation	1.00 1.00 0.40	Very limited Droughty Depth to bedrock	1.00 1.00	Very limited Droughty Depth to bedrock Too steep for surface application Too steep for sprinkler application	1.00 1.00 0.66 0.01
412F: Sogn-----	100	Very limited Depth to bedrock	1.00	Very limited Droughty	1.00	Very limited Droughty	1.00

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428B: Ely-----	95	Droughty Slope	1.00	Depth to bedrock Slope	1.00	Depth to bedrock	1.00
			1.00		1.00	Too steep for surface application	1.00
		Runoff limitation	0.40			Too steep for sprinkler application	1.00
		Somewhat limited Depth to saturated zone	0.43	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Depth to saturated zone Too steep for surface application	0.43 0.08
430: Ackmore-----	95	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Flooding	1.00	Flooding	1.00	Flooding	1.00
457: Du Page-----	95	Somewhat limited Flooding	0.60	Very limited Flooding	1.00	Somewhat limited Flooding	0.60
485: Spillville-----	95	Somewhat limited Flooding	0.60	Very limited Flooding	1.00	Somewhat limited Flooding	0.60
585: Spillville-----	40	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Flooding	1.00
Coland-----	30	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Flooding Leaching limitation	1.00 0.70	Flooding	1.00	Flooding	1.00
621: Houghton-----	95	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Low adsorption	1.00	Low adsorption	1.00	Low adsorption	1.00

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662D: Mt. Carroll-----	95	Leaching limitation	0.90	Somewhat limited Slope	0.63	Very limited Too steep for surface application Too steep for sprinkler application	
		Somewhat limited Slope	0.63				1.00
							0.77
662D3: Mt. Carroll-----	95	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Too steep for surface application Too steep for sprinkler application	
							1.00
							0.77
662F: Mt. Carroll-----	95	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Too steep for surface application Too steep for sprinkler application	
							1.00
							1.00
662F3: Mt. Carroll-----	95	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Too steep for surface application Too steep for sprinkler application	
							1.00
							1.00
713B: Winneshiek-----	95	Somewhat limited Depth to bedrock Droughty	0.46 0.03	Somewhat limited Depth to bedrock Droughty	0.46 0.03	Somewhat limited Depth to bedrock Too steep for surface application Droughty	
							0.46 0.08
							0.03

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
714B: Winneshiek-----	100	Very limited Restricted permeability Depth to bedrock Droughty	1.00 0.46 0.34	Very limited Restricted permeability Depth to bedrock Droughty	1.00 0.46 0.34	Very limited Restricted permeability Depth to bedrock Droughty Too steep for surface application	1.00 0.46 0.34 0.08
733: Calco-----	95	Very limited Depth to saturated zone Leaching limitation Flooding	1.00 0.70 0.60	Very limited Depth to saturated zone Flooding	1.00 1.00	Very limited Depth to saturated zone Flooding	1.00 0.60
771B: Waubee-----	100	Not limited		Not limited		Somewhat limited Too steep for surface application	0.08
777: Wapsie-----	95	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00
777B: Wapsie-----	85	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Very limited Filtering capacity Too steep for surface application	1.00 0.08
781B: Lourdes-----	90	Somewhat limited Restricted permeability	0.30	Somewhat limited Restricted permeability	0.22	Somewhat limited Restricted permeability Too steep for surface application	0.22 0.08
781C2: Lourdes-----	90	Somewhat limited		Somewhat limited		Somewhat limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
782B: Donnan-----	95	Restricted permeability	0.30	Restricted permeability	0.22	Too steep for surface application	0.91
						Restricted permeability	0.22
						Too steep for sprinkler application	0.02
782C2: Donnan-----	95	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00
		Depth to saturated zone	0.86	Depth to saturated zone	0.86	Depth to saturated zone	0.86
		Too acid	0.02	Too acid	0.07	Too steep for surface application	0.08
						Too acid	0.07
783B: Cresco-----	90	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00
		Depth to saturated zone	0.86	Depth to saturated zone	0.86	Too steep for surface application	0.91
		Too acid	0.02	Too acid	0.07	Depth to saturated zone	0.86
						Too acid	0.07
783C: Cresco-----	90	Somewhat limited Restricted permeability	0.30	Somewhat limited Restricted permeability	0.22	Somewhat limited Restricted permeability	0.22
			0.02	Too acid	0.07	Too steep for surface application	0.08
						Too acid	0.07

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
783C2: Cresco-----	90	Too acid	0.02	Too acid	0.07	Restricted permeability	0.22
						Too acid	0.07
						Too steep for sprinkler application	0.02
		Somewhat limited		Somewhat limited		Somewhat limited	
		Restricted	0.30	Restricted	0.22	Too steep for surface application	0.91
		permeability		permeability			
		Too acid	0.02	Too acid	0.07	Restricted permeability	0.22
						Too acid	0.07
						Too steep for sprinkler application	0.02
784B: Riceville-----	95	Somewhat limited		Somewhat limited		Somewhat limited	
		Depth to	0.43	Depth to	0.43	Depth to	0.43
		saturated zone		saturated zone		saturated zone	
		Restricted	0.30	Too acid	0.31	Too acid	0.31
		permeability					
		Too acid	0.08	Restricted permeability	0.22	Restricted permeability	0.22
						Too steep for surface application	0.01
798B: Protivin-----	95	Somewhat limited		Somewhat limited		Somewhat limited	
		Depth to	0.43	Depth to	0.43	Depth to	0.43
		saturated zone		saturated zone		saturated zone	
		Restricted	0.30	Restricted	0.22	Restricted	0.22
		permeability		permeability		permeability	
		Too acid	0.02	Too acid	0.07	Too acid	0.07
						Too steep for surface application	0.01
976: Raddle-----	90	Not limited		Not limited		Not limited	
976B: Raddle-----	90	Not limited		Not limited		Somewhat limited	

Agricultural Waste Management

Butler County, Iowa

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
						Too steep for surface application	0.08
981B: Worthen-----	100	Not limited		Not limited		Somewhat limited Too steep for surface application	0.08
1585: Spillville-----	40	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Flooding	1.00
Coland-----	30	Very limited Depth to saturated zone Flooding Leaching limitation	1.00 1.00 0.70	Very limited Depth to saturated zone Flooding	1.00 1.00	Very limited Depth to saturated zone Flooding	1.00 1.00
5010: Pits, Sand And Gravel-----	100	Not rated		Not rated		Not rated	
5030: Pits, Limestone Quarry-----	100	Not rated		Not rated		Not rated	
5040: Orthents-----	95	Not rated		Not rated		Not rated	
W: Water-----	100	Not rated		Not rated		Not rated	